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Patent Abstract

EPA 98-13 0831141 Detergents for hydrocarbon fuels

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APPLICANT(S)- BP Chemicals (Additives) Limited (898603) BP House, Breakspear Way Hemel Hempstead, Hertfordshire HP2 4UL GB **DES. COUNTRIES**- AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT

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Compounds comprising a Mannich reaction product of a) a polyisobutene-substituted phenol wherein at least 70% of the terminal olefinic double bonds in the polyisobutene are of the vinylidene type; b) an aldehyde; and c) ethylene diamine are disclosed, which are shown to have good detergency properties in hydrocarbon fuels.

DESIGNATED COUNTRY(S)- AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE



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